

Fig. 1

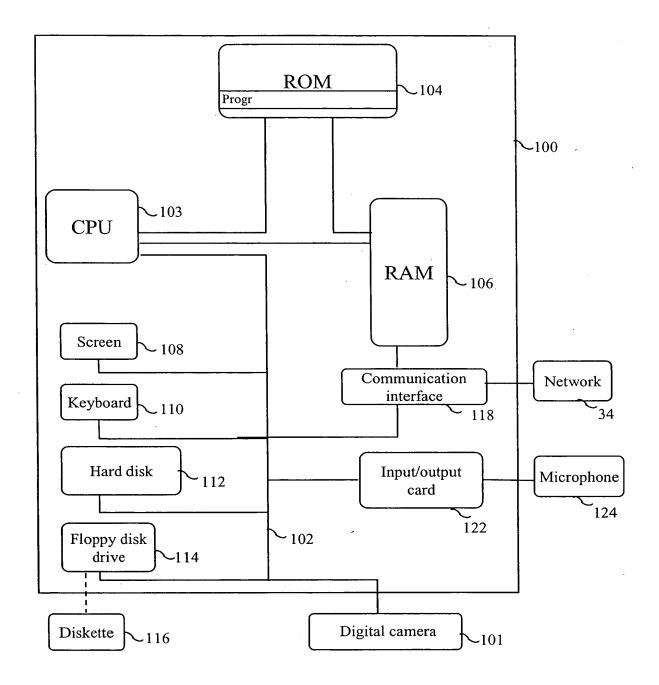
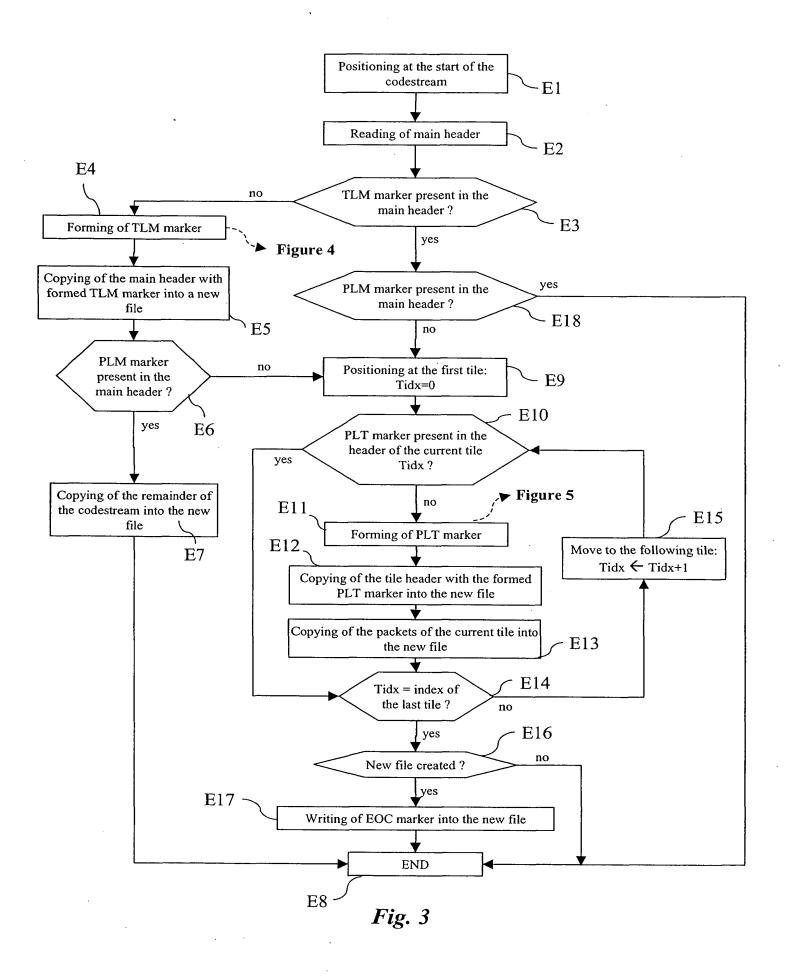


Fig. 2



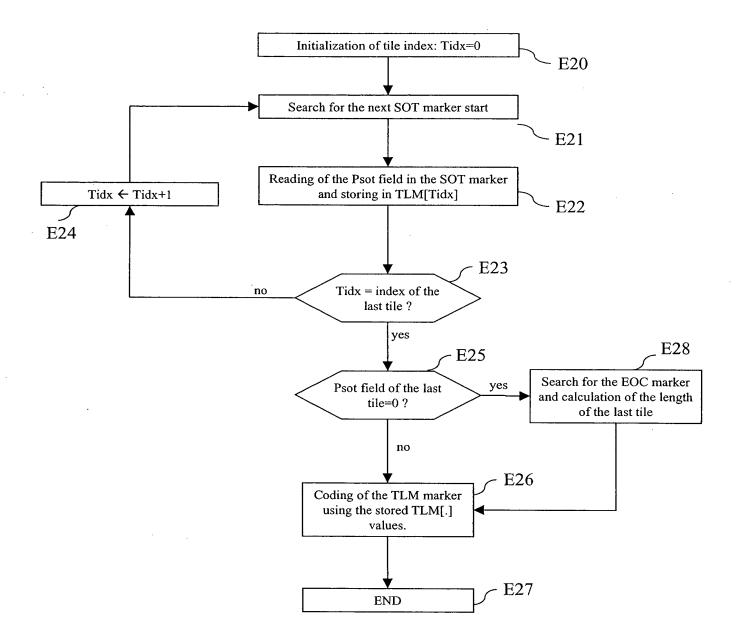


Fig. 4

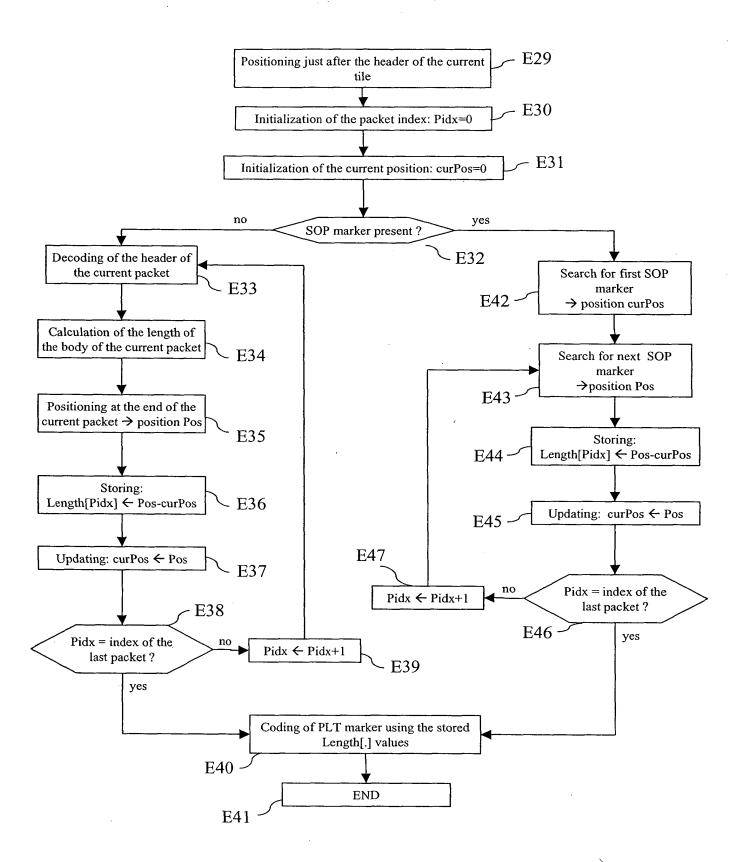


Fig. 5

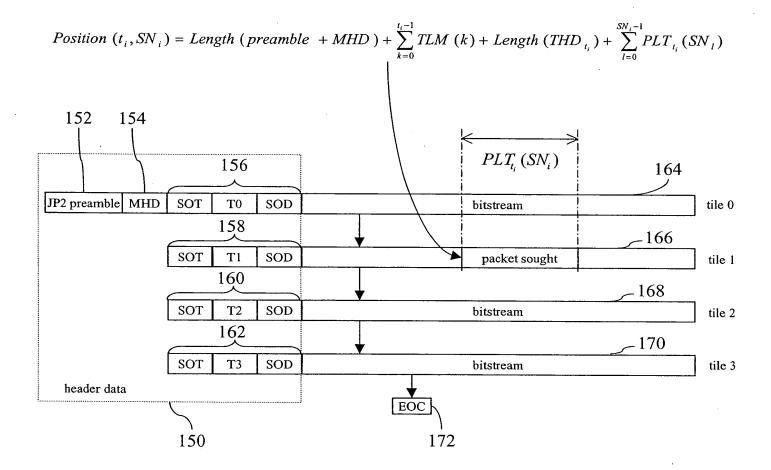


Fig. 6

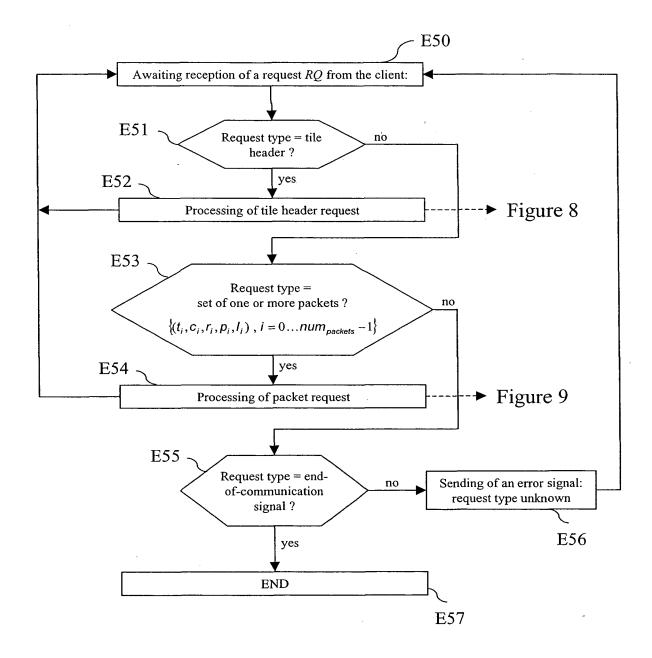


Fig. 7

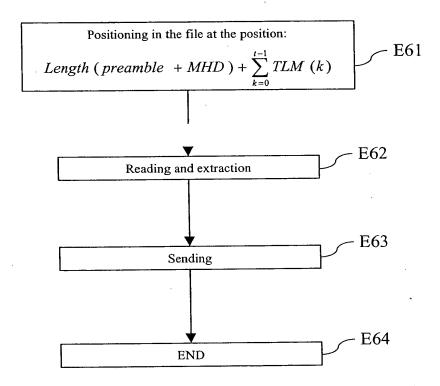


Fig. 8

set of packets to be sent to the client: $\{(t_i, c_i, r_i, p_i, l_i), i = 0...num_{packets} - 1\}$ E70 Initialization of the packet index: $i \leftarrow 0$ Calculation of the sequence number of the packet of index i in its tile: E71 $SN_i = f_{prog_order}(c_i, r_i, p_i, l_i)$ Positioning in the file at the position: E72 $Position(t_i, SN_i)$ Extraction of a series of octets of length: E73 $PLT_{t_i}(SN_i)$ E74 Sending of the extracted series of octets to the E76 client in a reply in the format of the protocol used E75 Move to the next packet: no $i = num_{packets} - 1$ $i \leftarrow i+1$ yes E77 **END**

Fig. 9

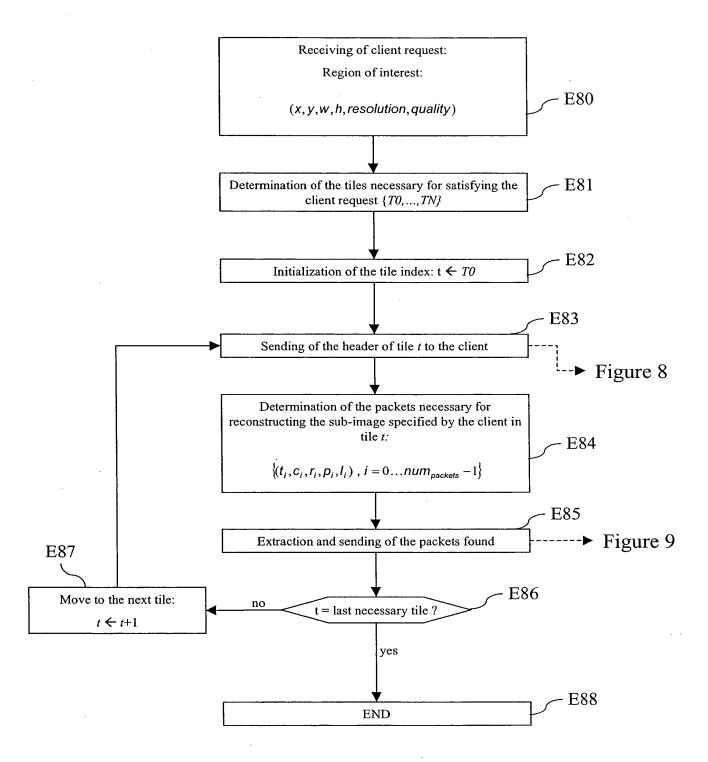
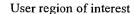


Fig. 10



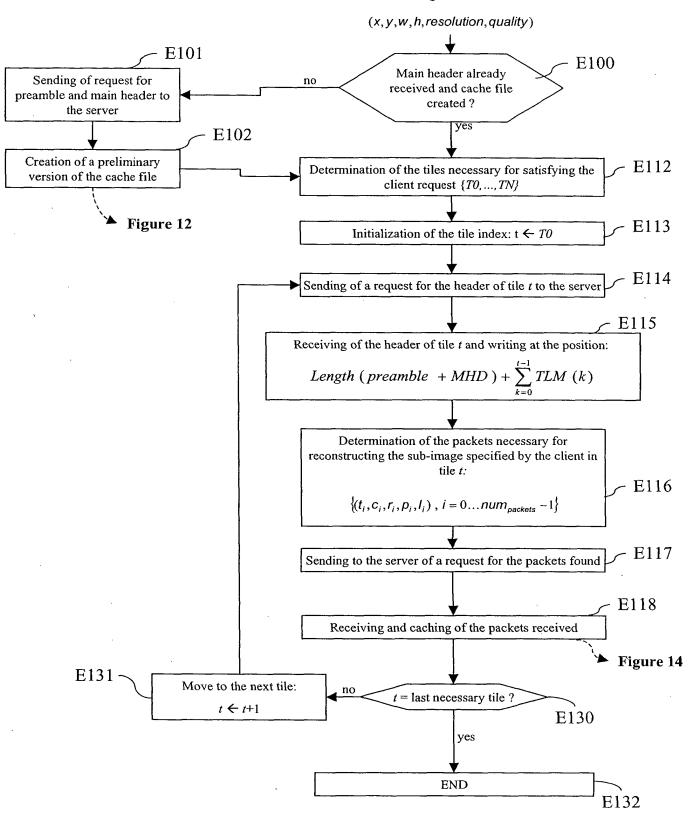


Fig. 11

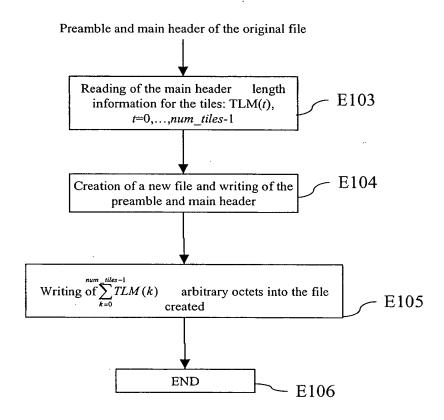


Fig. 12

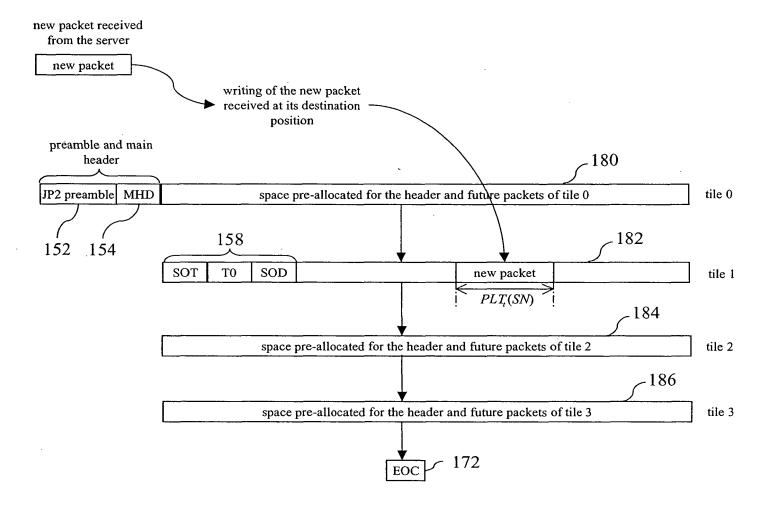


Fig. 13

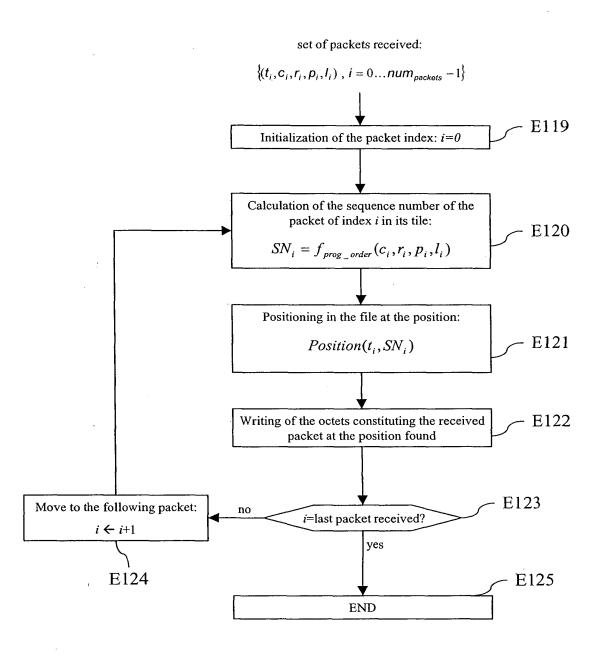


Fig. 14

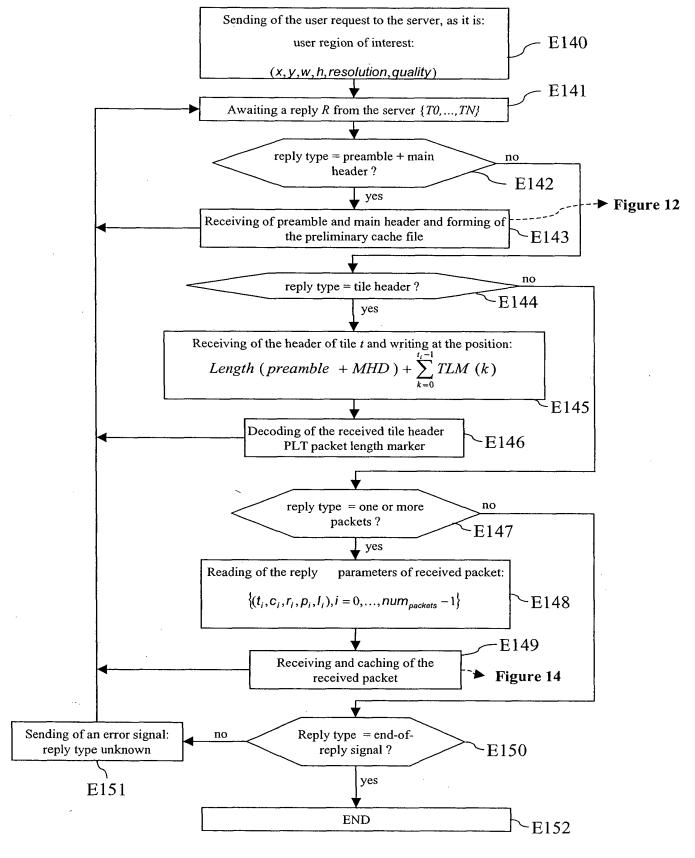


Fig. 15

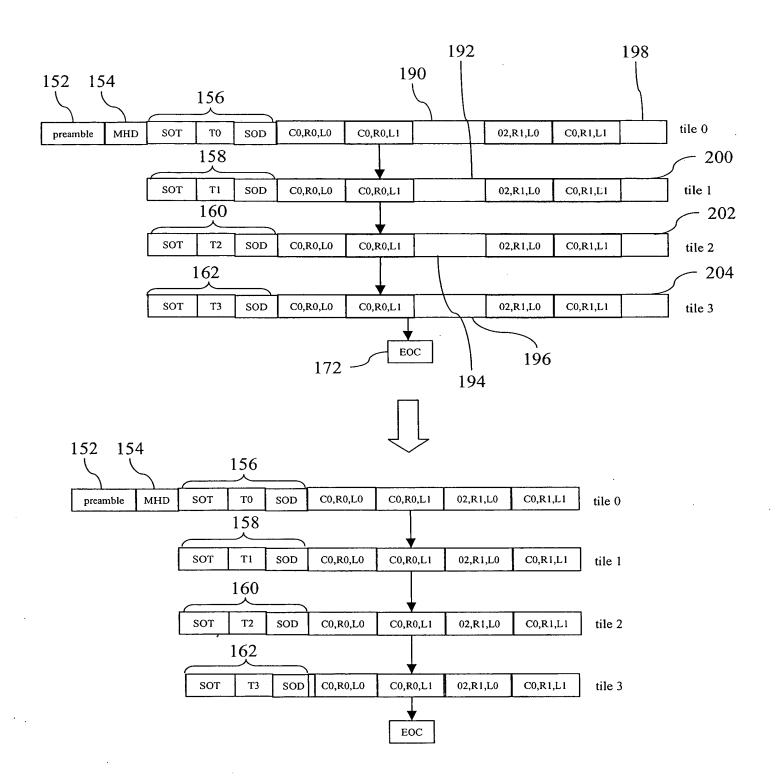


Fig. 16

Sequence numbers of the received packets: $\left\{(t_{\scriptscriptstyle 0}, SN_{\scriptscriptstyle 0}), (t_{\scriptscriptstyle 0}, SN_{\scriptscriptstyle 1}), \ldots, (t_{\scriptstyle num_{\it tiles}}, SN_{\scriptstyle num_{\it packets}-1})\right\}$ Cache file with holes Copying of the main header, without PLM E160 marker, with or without the TLM marker E161 Positioning at the first tile: $t \leftarrow 0$ E162 E163 header of tile t received? yes E165 no Copying of the header of tile t without Writing of SOT and SOD markers the PLT marker E164 Positioning at the first packet of tile t: $sn \leftarrow 0$ -E166 packet sn received? no E170 -E167 Copying of the $PLT_{t_i}(SN_i)$ octets starting at the Writing of an empty position $Position(t_i, SN_i)$ in the derived signal E169 packet E168 Move to the next packet: sn= last packet of the $sn \leftarrow sn+1$ current tile? no E171 E173 Modification of Psot field of the SOT marker E172 Move to the next tile: t =last tile of the image ? E175 $t \leftarrow t+1$ yes E174 Recoding of the Ptlm fields TLM marker present in of the TLM marker with the main header? the new tile lengths no E176-Writing of the EOC marker

Fig. 17 -

END

E177

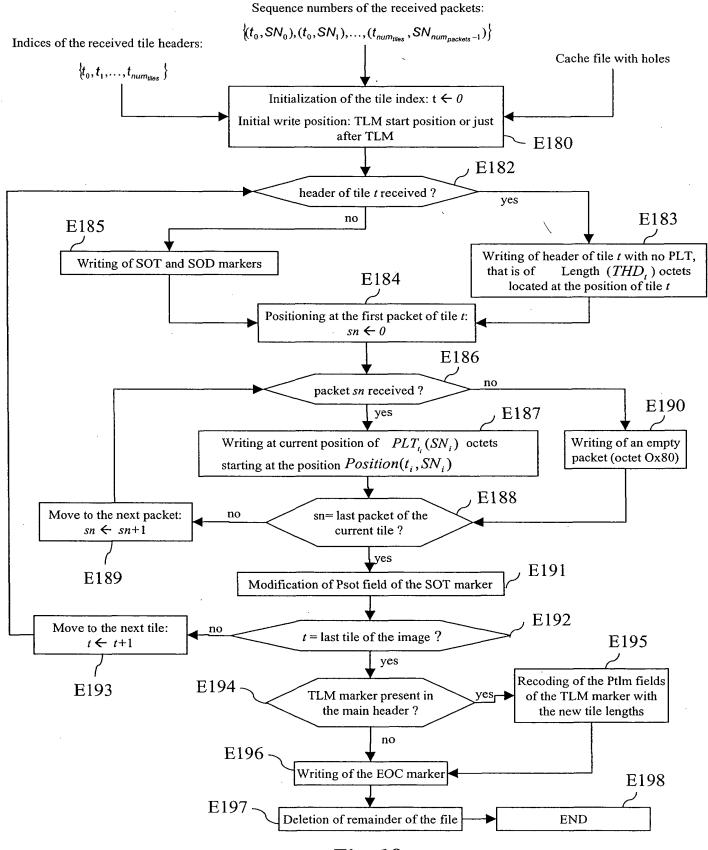


Fig. 18